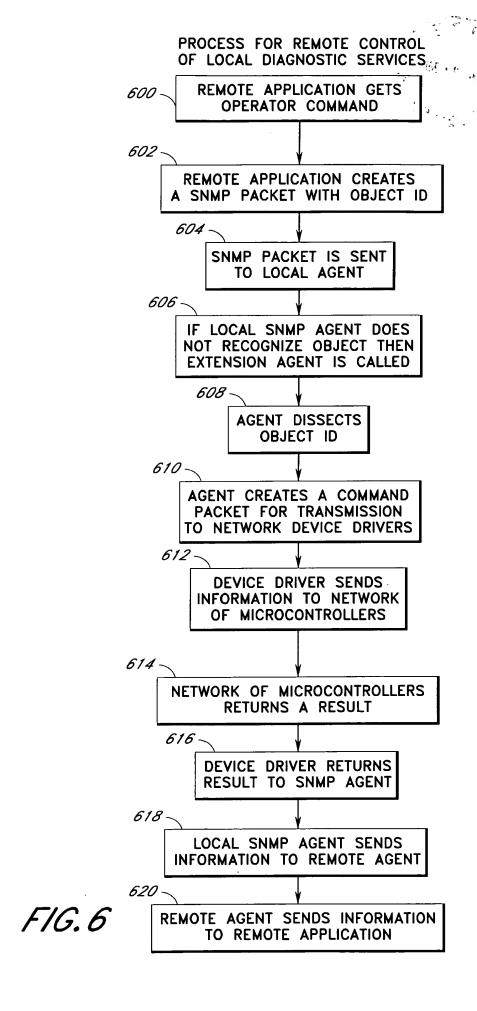
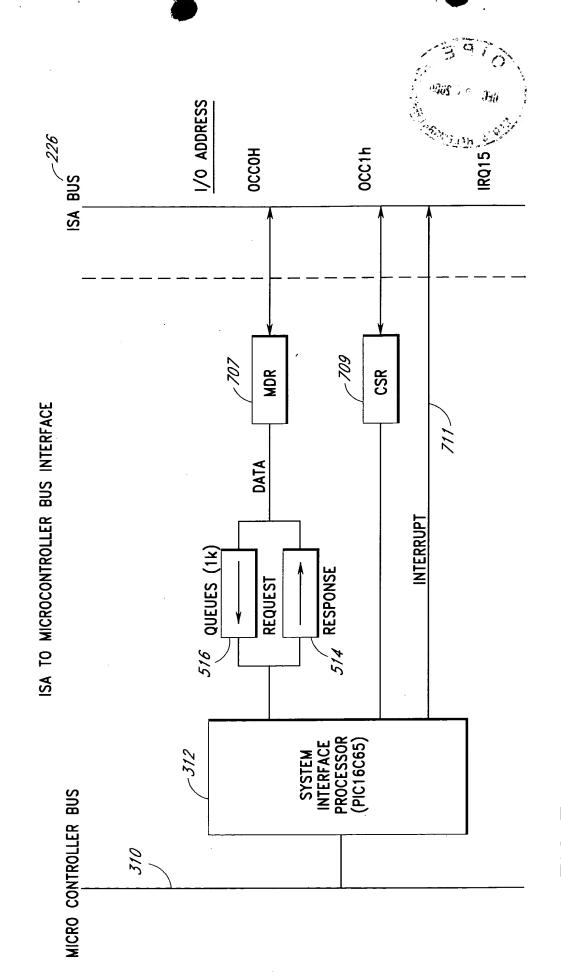


FIG.5C





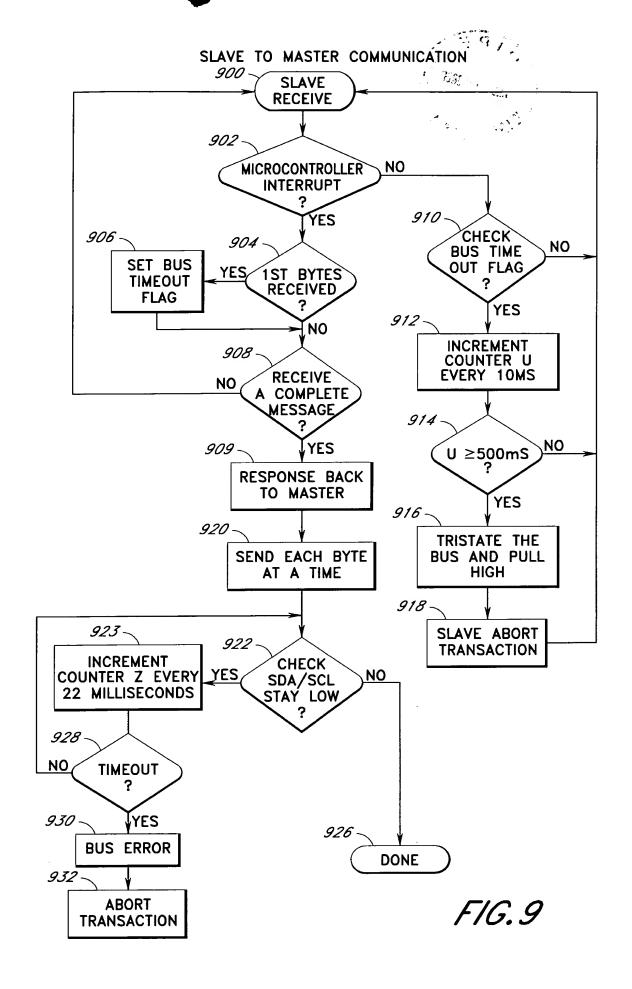
F1G.7

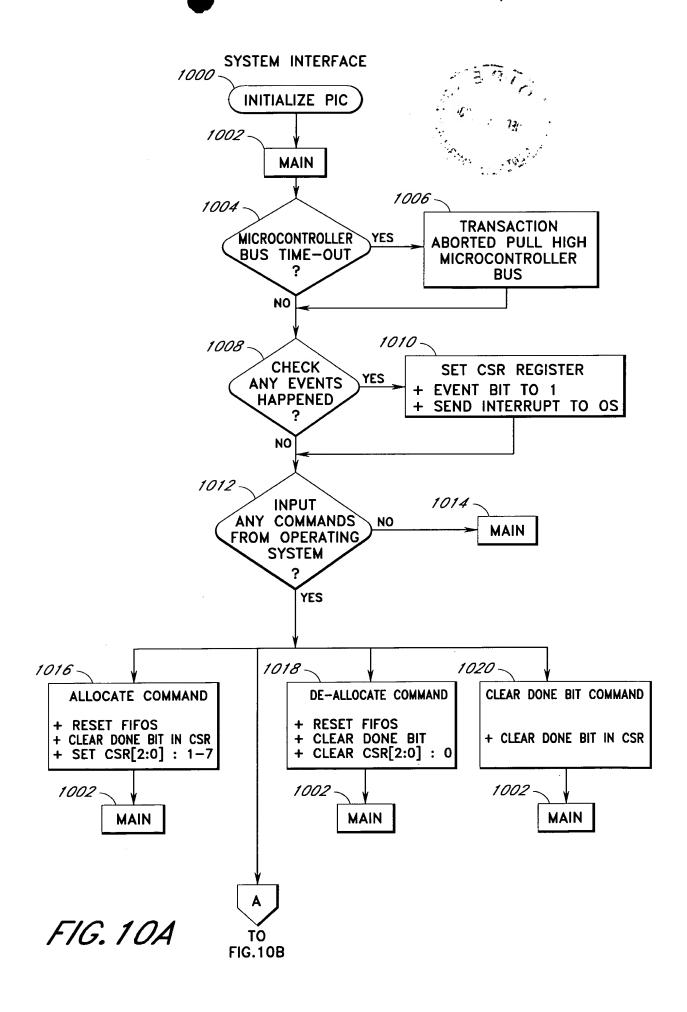
MASTER TO SLAVE COMMUNICATION 800 **MASTER** SEND 804 -802 INCREMENT COUNTER X YES START BIT **EVERY MILLISECOND** ΝO 806 812 NO X=50ms SEND EACH BYTE AT A TIME YES 808 TIME OUT 819-**EXPIRES** 814 INCREMENT 810-SDA/SCL YES **COUNTER Y EVERY** STAY LOW 22 MICROSECONDS **ARBITRATIVE** LOSS AND NO TRY AGAIN 820 NO Y ≥5ms ? 826 YES 816-822 -COUNTER Z WAIT NO RESPONSE **EVER** FOR RESPONSE TIME OUT, 1 MILLISECOND **MICROCONTROLLER BUS ERROR** 828 824 -NO 818-Z≥50MS **TERMINATE** THE BUS RECEIVE EACH BYTE AT A TIME YES 830 -TIME OUT, **MICROCONTRILLER** 820 -**BUS ERROR** DONE 832

FIG.8

TERMINATE

THE BUS





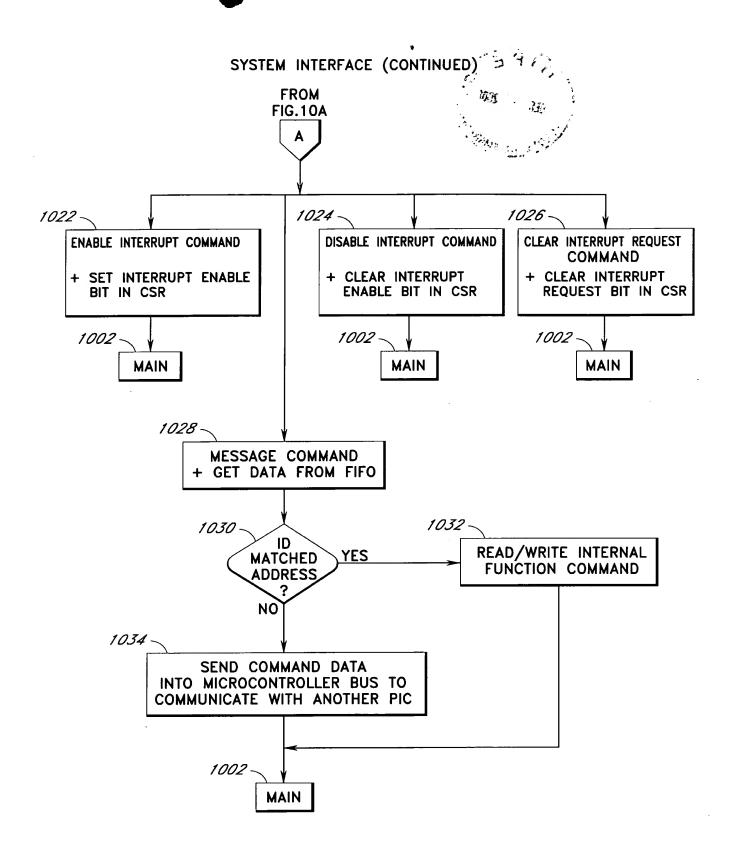
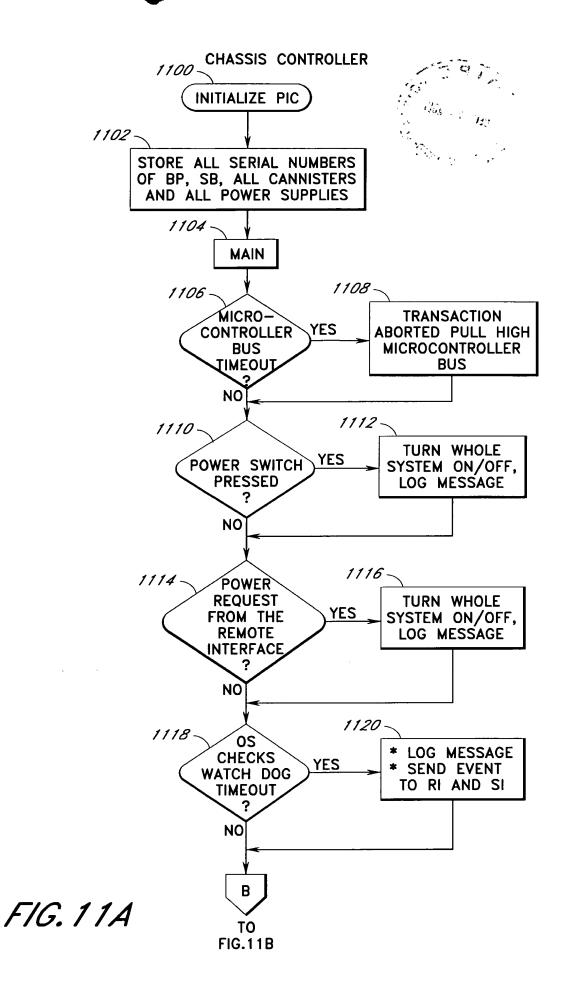
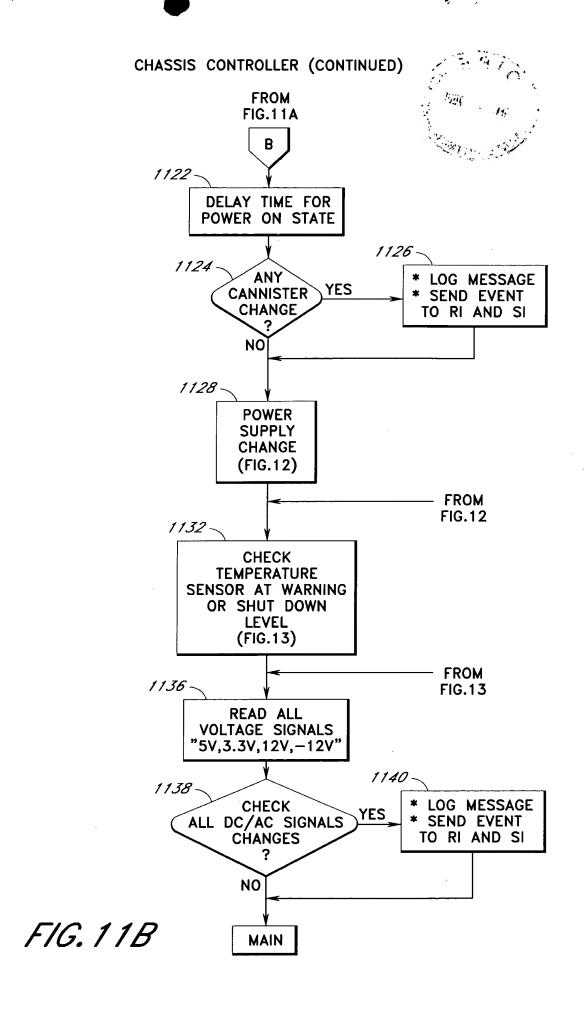
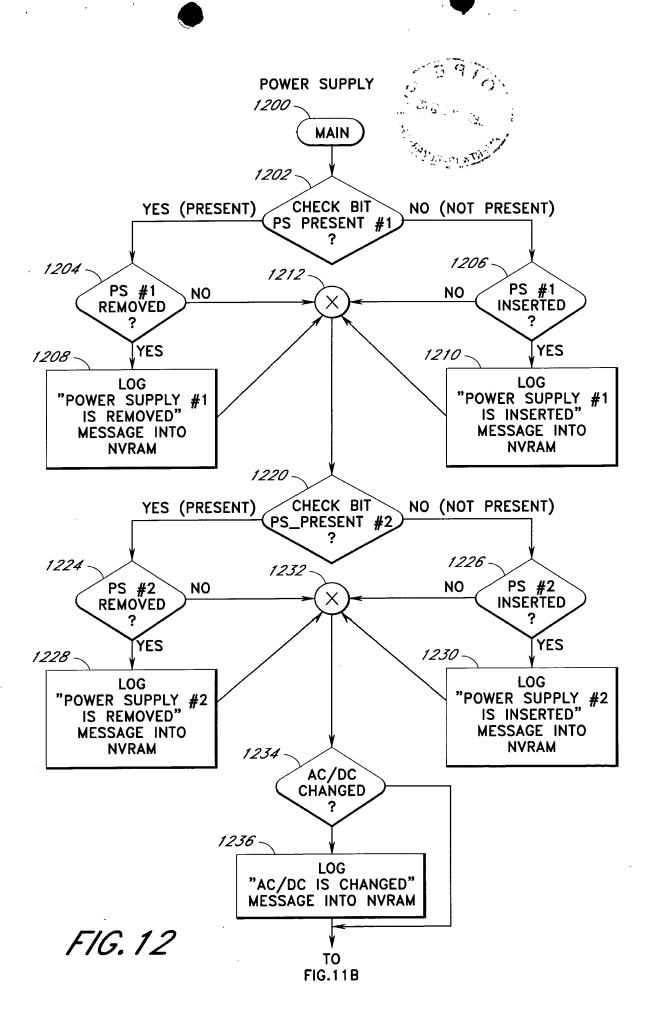


FIG. 10B







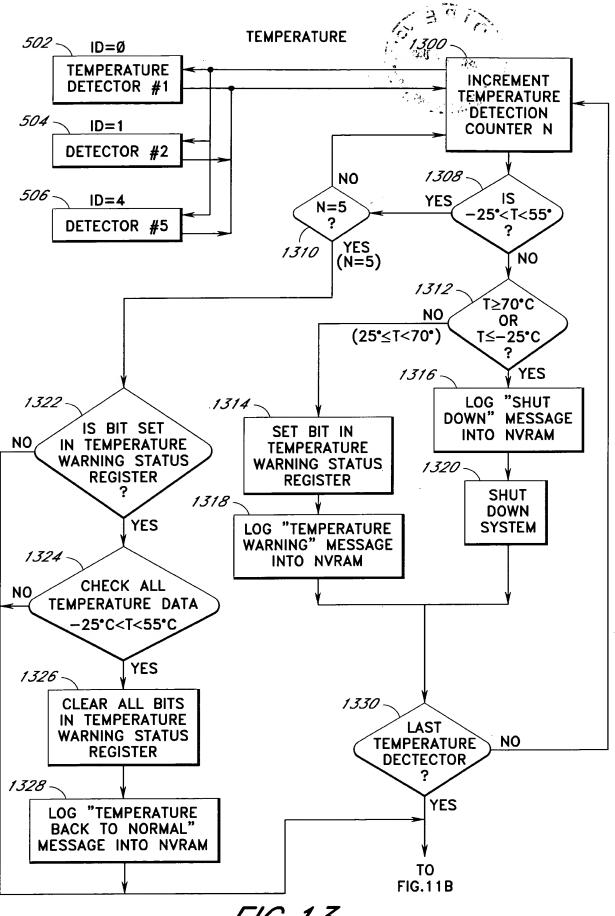
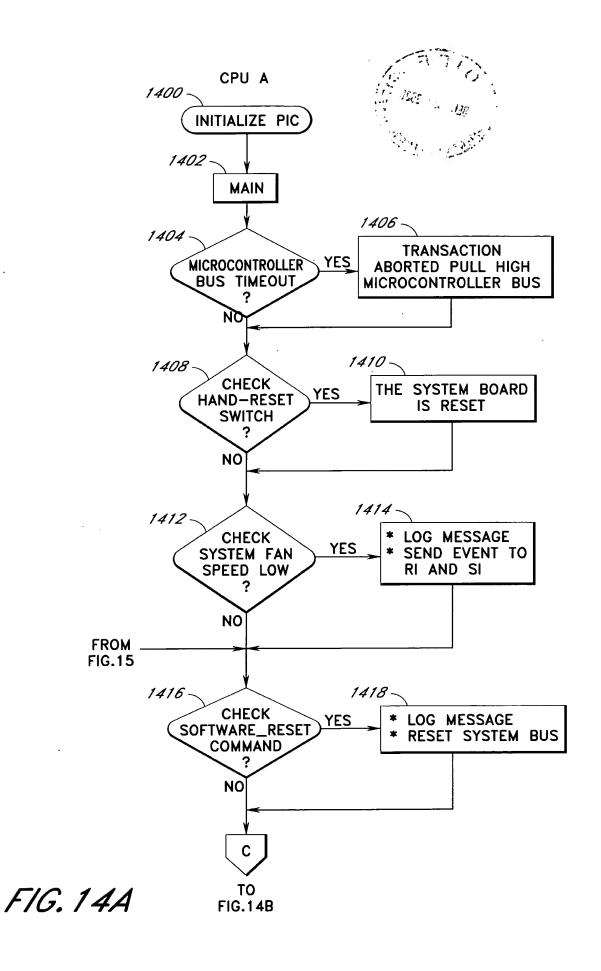


FIG. 13



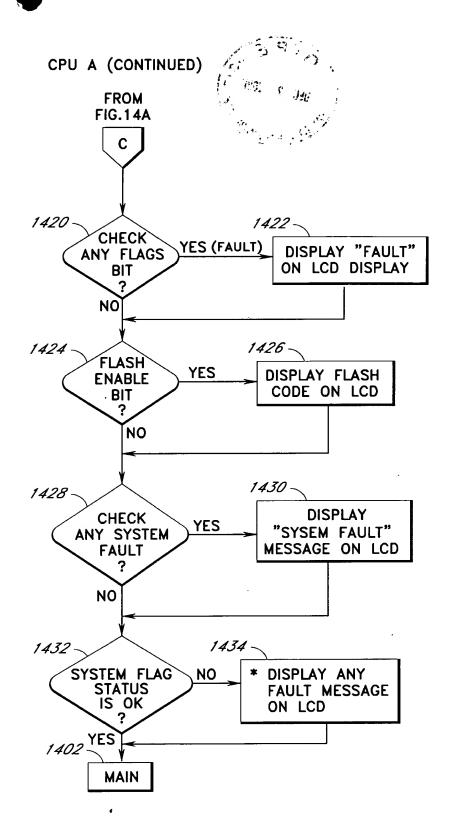
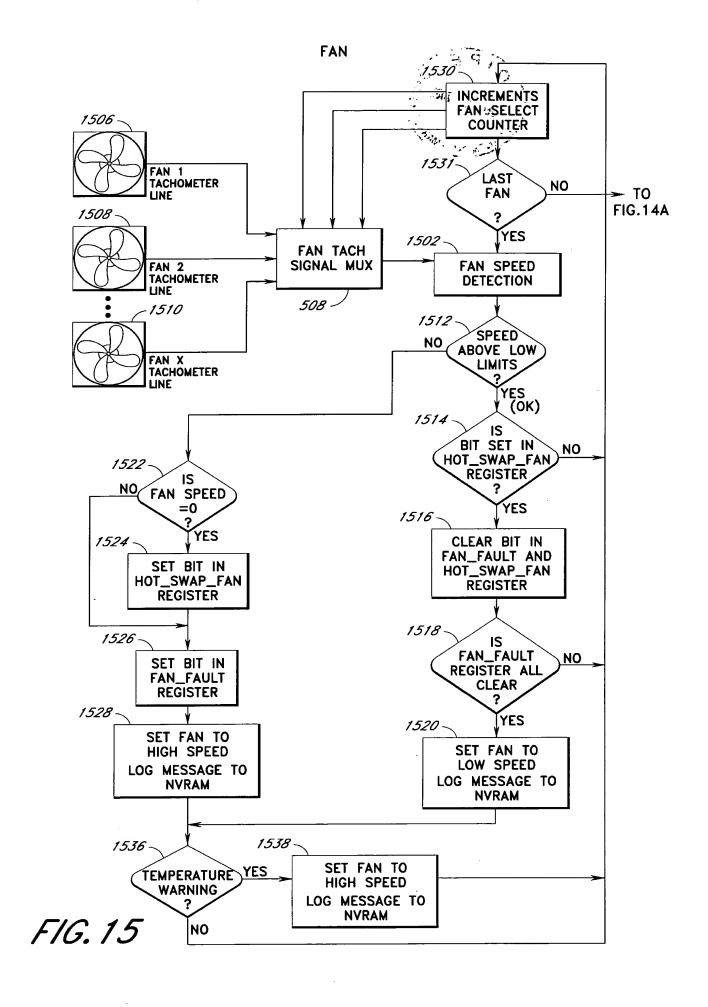
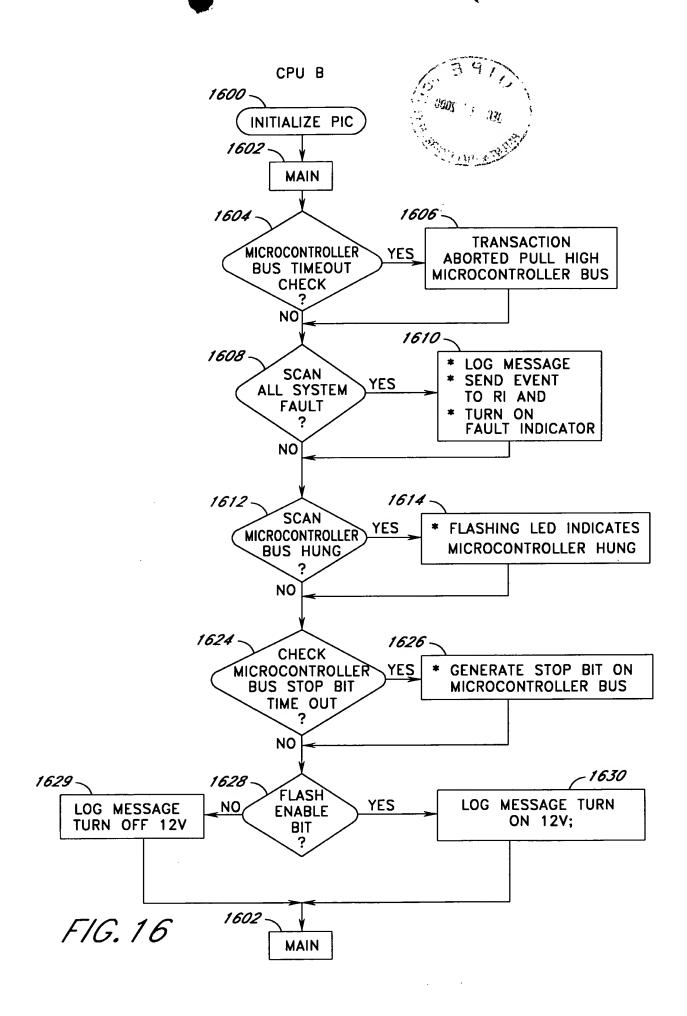


FIG. 14B





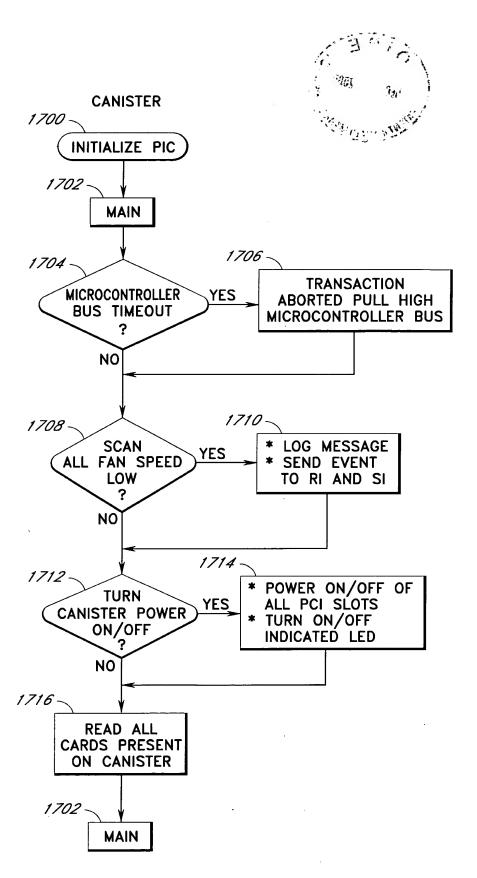


FIG. 17

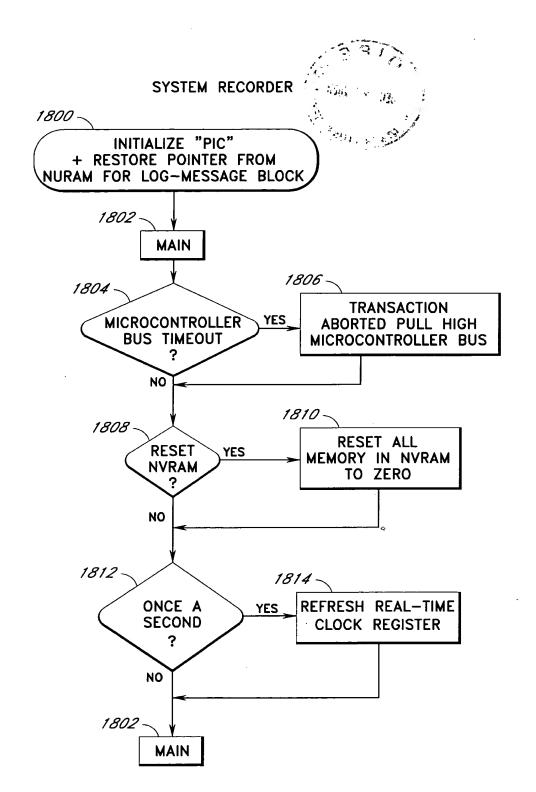


FIG. 18